

CLAIMS

What is claimed is:

1. A workflow defining system, comprising:
 - a state setting module, which at least sets a first terminal state, a second terminal state, and a third terminal state;
 - an instruction generating module, which generates a first instruction, a second instruction, and a third instruction for the first terminal state, the second terminal state, and the third terminal state, respectively; and
 - a path generating module, which generates a first path, a second path, and a third path according to the first instruction, the second instruction, and the third instruction, wherein the first path, the second path and the third path respectively points from the first instruction, the second instruction and the third instruction to one of the first terminal state, the second terminal state and the third terminal state.
2. The workflow defining system according to claim 1, wherein:
 - data of the first terminal state are output from the first terminal state via the first path when the first instruction is executed;
 - data of the second terminal state are output from the second terminal state via the second path when the second instruction is executed; and
 - data of the third terminal state are output from the third terminal state via the third path when the third instruction is executed.
3. The workflow defining system according to claim 2, wherein:
 - each one of the first instruction, the second instruction and the third instruction

could point from the corresponding terminal state to at least two of the first terminal state, the second terminal state and the third terminal state.

4. The workflow defining system according to claim 1, wherein:

the state setting module could further add a fourth terminal state;

the instruction generating module could further generate a fourth instruction for the fourth terminal state; and

the path generating module could further generate a fourth path according to the fourth instruction, the fourth path pointing from the fourth instruction to at least one of the first terminal state, the second terminal state, the third terminal state, and the fourth terminal state.

5. The workflow defining system according to claim 1, wherein:

the instruction generating module could further generate a fifth instruction for one of the first terminal state, the second terminal state and the third terminal state, the path generating module could further generate a fifth path according to the fifth instruction, and the fifth path points from the fifth instruction to at least one of the first terminal state, the second terminal state and the third terminal state.

6. The workflow defining system according to claim 1, further comprising:

a path altering module, which could alter one of the first path, the second path and the third path to point to another one of the first terminal state, the second terminal state and the third terminal state.

7. The workflow defining system according to claim 1, further comprising:

a path altering module, which could alter one of the first path, the second path

and the third path to point to another two of the first terminal state, the second terminal state and the third terminal state.

8. The workflow defining system according to claim 1, further comprising:

a path deleting module, which could delete at least one of the first path, the second path and the third path.

9. The workflow defining system according to claim 1, which cooperates with at least one terminal device, wherein:

the terminal device displays the first terminal state, the second terminal state, the third terminal state, the first instruction, the second instruction and the third instruction, so that at least one of the first instruction, the second instruction and the third instruction is selected to be executed.

10. The workflow defining system according to claim 9, wherein:

added data are input from the terminal device to at least one of the first terminal state, the second terminal state, and the third terminal state.

11. A workflow managing system, comprising:

at least three terminal states, which at least comprise a first terminal state, a second terminal state, and a third terminal state;

at least three instructions, which at least comprise a first instruction, a second instruction, and a third instruction, wherein the first instruction, the second instruction and the third instruction are set according to the first terminal state, the second terminal state, and the third terminal state, respectively; and

at least three path, which at least comprise a first path, a second path, and a third path, wherein the first path, the second path and the third path are generated

according to the first instruction, the second instruction, and the third instruction, respectively, and the first path, the second path and the third path point respectively from the first instruction, the second instruction, and the third instruction to one of the first terminal state, the second terminal state, and the third terminal state.

12. The workflow managing system according to claim 11, wherein:

data of the first terminal state are output from the first terminal state via the first path when the first instruction is executed;

data of the second terminal state are output from the second terminal state via the second path when the second instruction is executed; and

data of the third terminal state are output from the third terminal state via the third path when the third instruction is executed.

13. The workflow managing system according to claim 11, further comprising:

an added terminal state;

a first added instruction, which is generated according to the added terminal state; and

a first added path, which is generated according to the first added instruction, wherein the first added path points from the first added instruction to one of the first terminal state, the second terminal state, the third terminal state, and the added terminal state.

14. The workflow managing system according to claim 11, further comprising:

an added terminal state;

a first added instruction, which is generated according to the added terminal

state; and

a first added path, which is generated according to the first added instruction, wherein the first added path points from the first added instruction to at least any two of the first terminal state, the second terminal state, the third terminal state, and the added terminal state.

15. The workflow managing system according to claim 11, further comprising:

a second added instruction, which is set according to one of the first terminal state, the second terminal state, and the third terminal state; and

a second added path, which is generated according to the second added instruction, wherein the second added path points from the second added instruction to at least one of the first terminal state, the second terminal state, and the third terminal state.

16. The workflow managing system according to claim 11, wherein:

one of the first path, the second path and the third path could be altered to point to another one of the first terminal state, the second terminal state and the third terminal state.

17. The workflow managing system according to claim 11, wherein:

one of the first path, the second path and the third path could be altered to point to other two of the first terminal state, the second terminal state and the third terminal state.

18. The workflow managing system according to claim 11, wherein:

one of the first path, the second path and the third path could be deleted.

19. The workflow managing system according to claim 11, which cooperates with a

user, wherein:

receives a selection of the user, which selects the first instruction, the second instruction, or the third instruction from the first terminal state, the second terminal state, or the third terminal state, to execute the first instruction, the second instruction, or the third instruction.

20. The workflow managing system according to claim 19, wherein:

at least one of the first terminal state, the second terminal state, and the third terminal state could receive an added data input by the user.